



TECHNICAL DATA SHEET - RCABC

STOCK NO. 4970XXX

July, 2016

DYNASTY with ArmourZONE

This heavyweight, laminated shingle is composed of a dimensionally stable non-woven glass fiber mat, which is thoroughly impregnated with stabilized waterproofing bitumen. Dynasty with ArmourZONE is distinguished by its random shake-look design, unique dual band shadow coloration, and superior thermally activated shingle sealant. Colored, ceramic granules surface the top of both layers of this shingle to protect the asphalt from ultraviolet radiation. Each shingle has release tape and mineral powder applied to the underside, thus preventing any sticking in the bundle. Suitable for application on roof slopes greater than 4 in 12 (underlayment must be used up to 8:12). They may also be applied on low slope roofs (2:12 to 4:12) providing the deck is covered with two plies of felt or one ply of any IKO Ice and Water Protector. This shingle conforms to requirements of CSA A123.5, ASTM D3018, ASTM E108 Class A, ASTM D3462, and ASTM D3161.

CHARACTERISTIC	UNITS	NOMINAL VALUE	TEST METHOD	STANDARD LIMITS
QUANTITY PER PALLET:	-	56	-	N/A
PALLET SIZE:	cm (in)	101 x 135 (40 x 53)	-	-
LENGTH:	mm (in)	1038 (40 7/8)	-	± 6 (± 1/4)
WIDTH:	mm (in)	349 (13 3/4)	-	± 3 (± 1/8)
HEADLAP:	mm (in)	50 (2)	-	MIN: 50 (2)
BUNDLE QUANTITY:	-	20	-	-
COVERAGE PER BUNDLE:	ft ² (m ²)	33.3 (3.1)	-	-
EXPOSURE:	mm (in)	149 (5 7/8)	-	-
TEAR STRENGTH:	g	PASS	ASTM D1922	MIN: 1700
HEAT RESISTANCE:	-	PASS	*	90 °C (192 °F)
GRANULE RETENTION:	%	PASS	ASTM D4977	MIN: 86
FIRE RATING:	-	CLASS A	ASTM E108	MIN: CLASS A
APPLIED WEIGHT:	kg/10 m ² (lbs/sq)	112 (230)	-	-
BUNDLE WEIGHT:	kgs (lbs)	34.8 (76.75)	-	-

* Sample shows no sliding or dripping of the bitumen coating when suspended vertically in an oven at 90 °C (192 °F) for 2 hours.

See also Material Information Sheet – MIS # 1713

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